

10/506941

08 SEP 2002

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/03239

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B7/0065 G11C13/04 G03H1/26 G11B7/135		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B G11C G03H		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 560 072 A (SILVERMAN DANIEL) 2 February 1971 (1971-02-02)	1,3-6, 8-11, 13-16, 18,19
Y	the whole document	2,7,12, 17,20
X	US 3 594 060 A (LOWE MICHAEL ANTHONY) 20 July 1971 (1971-07-20)	1,3-6, 9-11, 14-16,19
	the whole document	
X	US 5 696 613 A (REDFIELD STEPHEN ROGER ET AL) 9 December 1997 (1997-12-09)	1,3-6, 8-11, 13-16, 18,19
	the whole document	

	--- --	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family		
Date of the actual completion of the international search 26 November 2002		Date of mailing of the international search report 03/12/2002
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016		Authorized officer Nanos, A

Form PCT/ISA/210 (second sheet) (July 1992)

Best Available Copy

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/03239

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00 30084 A (CAMBRIDGE SCIENT INC) 25 May 2000 (2000-05-25) the whole document ---	2,7,12, 17,20
A	US 5 638 193 A (TRISNADI JAHJA I ET AL) 10 June 1997 (1997-06-10) the whole document ---	1-20
A	WO 96 38410 A (BERG ROLF H ; RAMANUJAM P S (DK); HVILSTED SOEREN (DK); RISOE FORSK) 5 December 1996 (1996-12-05) the whole document -----	2,7,12, 17,20

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

Best Available Copy

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/03239

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3560072	A	02-02-1971	US 3753249 A US 3790755 A	14-08-1973 05-02-1974
US 3594060	A	20-07-1971	GB 1227807 A	07-04-1971
US 5696613	A	09-12-1997	NONE	
WO 0030084	A	25-05-2000	AU 1722700 A EP 1064652 A1 WO 0030084 A1 US 6284418 B1	05-06-2000 03-01-2001 25-05-2000 04-09-2001
US 5638193	A	10-06-1997	NONE	
WO 9638410	A	05-12-1996	AT 224362 T AU 5893596 A DE 69623769 D1 WO 9638410 A1 EP 0828709 A1 US 6376655 B1	15-10-2002 18-12-1996 24-10-2002 05-12-1996 18-03-1998 23-04-2002

Form PCT/ISA/210 (patent family annex) (July 1992)

Best Available Copy